

Visual

Engineering

	35.6	52.4	26.6	44.6	61.4	53.1	22.4	39.8	46.8	50	45.4	51.9	29.6	51.7	50.1	45.7	24	59.4	44	52.5	37.3	51.8
Driveability	65	77	59	60	52	64	55	60	62	54	57	71	67	65	70	67	60	68	56	56	67	70
Sportiness	48	51	15	28	30	29	18	10	34	21	27	34	17	38	30	23	20	18	21	37	34	34
Comfort	24	38	25	36	23	29	30	40	46	32	27	30	40	40	35	32	19	38	35	13	34	34
Prestige	59	70	43	38	67	48	41	45	60	65	56	57	54	58	52	53	36	41	55	49	52	41
Safety	57	65	64	53	60	61	52	66	64	66	61	65	61	66	62	54	59	55	56	56	66	66
Practicality	49	46	54	51	38	50	51	53	55	49	55	48	50	50	52	50	52	54	54	53	53	53
Utility	26	25	21	14	22	18	14	20	25	22	22	18	25	22	22	18	14	20	19	19	19	19
Offroad	1	2	10	6	3	13	16	15	7	5	3	2	9	13	14	14	13	5	1	5	5	5
Fuel Economy	31	25	22	25	32	33	43	11	28	29	29	29	29	29	29	29	29	27	27	24	24	24
Reliability	75	64	77	78	63	56	78	29	29	29	29	29	29	29	29	29	29	18	27	27	24	24
Engineering Time	240	191	76	82	232	117	155	123	138	192	161	147	115	139	152	152	86	159	96	77	69	69
E. Noise Modifier	12	3	16	7	0	3	18	10	6	5	7	4	15	4	4	7	0	8	3	4	4	4
F. Economy Multiplier	0	-0.05	-0.15	-0.05	0.05	0.05	0.15	-0.65	0	0	0	0	0	0	0	0	0	-0.25	-0.05	-0.1	-0.1	-0.1
Score Subtotal	435.00	463.00	390.00	389.00	387.00	401.00	398.00	388.00	436.00	416.00	421.00	417.00	416.00	415.00	428.00	413.00	427.00	359.00	393.00	400.00	426.00	
Modified Subtotal	435.00	439.85	331.50	369.55	406.35	421.05	457.70	135.80	436.00	450.00	406.00	421.00	416.00	415.00	428.00	413.00	329.00	407.00	386.40	380.00	383.40	

Engineering 2013

Lifetime Cost																							
Approximate Cost	\$102,000	\$94,800	\$21,500	\$22,100	\$169,000	\$46,700	\$64,500	\$39,700	\$44,000	\$148,000	\$65,200	\$75,600	\$50,400	\$67,600	\$79,700	\$80,100	\$30,000	\$86,300	\$88,000	\$42,400	\$34,900	\$37,500	\$24,300
Materials Cost	\$26,638	\$32,783	\$6,998	\$5,592	\$47,319	\$15,373	\$13,806	\$11,246	\$16,247	\$38,483	\$33,375	\$20,947	\$15,655	\$19,878	\$21,695	\$20,979	\$10,877	\$11,165	\$11,774	\$11,584	\$12,943	\$7,769	
Service Cost	\$3,075	\$2,347	\$1,546	\$1,221	\$4,193	\$2,118	\$1,312	\$1,984	\$2,470	\$3,009	\$2,044	\$2,936	\$1,898	\$3,437	\$2,547	\$2,662	\$1,828	\$2,852	\$1,449	\$2,977	\$2,564	\$970	

ANSWER The answer is 1000.

Power to Weight																										
Horsepower	269.70	433.20	309.60	178.30	666.20	250.00	217.30	232.70	217.00	341.50	372.60	286.30	300.50	270.20	171.30	414.00	323.00	343.60	501.40	300.00	164.40	384.80	429.80			
Curb Weight	3168.00	3439.21	3511.00	2991.00	3543.00	3186.00	2901.00	3748.80	3564.00	3976.00	3961.00	3697.00	3680.60	3970.00	3628.00	3908.00	3713.00	3602.00	2639.00	3111.00	3867.00	3650.00	3591.00	4277.00		
Power/Weight Ratio	8.51	12.60	8.82	5.96	18.80	7.85	7.49	6.21	9.58	9.37	7.23	8.13	7.34	5.47	9.47	12.83	8.08	4.56	6.49	13.31	8.35	9.41	19.01	8.81	10.72	10.05

Challenge Score